

Providing additional power to Northern States

4318. SHRI KRISHNA KUMAR BIRLA: Will the Minister of POWER be pleased to state:

(a) whether the Union Government has directed CEA to take firm steps to provide additional power during peak and off-peak hours to Northern States facing acute shortages;

(b) if so, the details of Northern States which are facing acute power shortages;

(c) whether after the Northern Grid failure on 2nd January, 2001, the Union Government has asked all the State Governments to ensure that SEBs strictly maintain grid discipline; and

(d) if so, to what extent State Governments are following directives of the Union Government?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) Power supply position in the States/UTs of the region including Northern Region is reviewed periodically by the Central Electricity Authority and allocation out of unallocated quota of central generating stations is made to the States/Union Territories in the region including Northern Region keeping in view the relative shortages, seasonal/agricultural requirements and emergent needs to mitigate shortages in deficit States/UTs. Allocations are sometimes made on time slot basis depending upon load pattern in the States in order to optimize utilization of available power. The details of state-wise power supply position in Northern Region during 2000-01 is given below:

Actual Power Supply Position (Million Units)

Region/State/System	April 2000—March 2001			
	Requirement	Availability	Shortage	% Shortage
1	2	3	4	5
Chandigarh	1072	1068	4	0.4
Delhi Haryana	18575	17667	908	4.9
H.P.	17275	16793	482	2.8
	3190	3087	103	3.2

1	2	3	4	5
J&K.	6410	5361	1049	16.4
Punjab	27670	26923	747	2.7
Rajastha	25080	24178	902	3.6
U.P.	46295	39556	6739	14.6
Northern Region	145567	134633	10994	7.5

(c) and (d) Immediately after grid collapse in the Northern Region, the Minister of Power addressed letters to the Chief Ministers of all States advising them to ensure grid discipline by restricting their drawals from the grid in accordance with their entitlements and grid requirements. Thereafter, there has been improvement in the frequency profile of the region. The grid frequency of Northern region which remained within the permissible range of 49.0-50.5 Hz as per provisions of Indian Electricity Grid Code (IEGC) for 40.6% of the time during December, 2001 improved to 67.4% during January, 2001, 75.9% during February, 2001 and 74.1% during March, 2001.

Power plants In Delhi

4319. SHRI K. RAHMAN KHAN: Will the Minister of POWER be pleased to state:

- (a) how old are the power plants in Delhi;
- (b) how much has been incurred on their maintenance during the last five years;
- (c) whether the maintenance of power plants has been up to the desired levels, if so, the reasons for their failure to sustain power generation during the black out; and
- (d) whether Government propose to install new machines to replace the outdated machines so as to protect the capital from the disastrous black out in future?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) The Power Plants in Delhi were commissioned/installed as under:—